BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE

Office of the Executive Engineer Dasarahalli Division,

SCHDULE-B

Name of Work: Improvements to Road at Chikkabanavara Railway station to Geleyara balaga Ganesha Temple, in Shettyhalli Sub Division, Ward No-12.

Sl No	Description of work	Unit	Qty	Approoved Rates	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Earth work in excavation for foundation of structures as per drawing and Technical specifications, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material complete as per specifications.	Cum	585.0	87.16	Rupees Eighty Seven and Fifteen Paise Only
2	Earth work in excavation for foundation of structures as per drawing and Technical specifications, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material complete as per specifications.	Cum	126.00	112.05	Rupees One Hundred Twelve and Five Paise Only
3	Providing and filling sand in foundation upto plinth to required depth for sub soil treatment including watering ramming with lead upto 50m. And lift upto 1.5m complete as per specifications.	Cum	12.60	1279.42	Rupees One Thousand Two Hundred Seventy Nine and Forty Two Paise Only
4	Filling in foundation with granite/trap broken metal 100mm and down size with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead upto 50m And lift of 1.5 m. complete as per specifications.	Cum	25.20	1122.54	Rupees One Thousand One Hundred Twenty Two and Fifty Four Paise Only
5	Providing and laying in position plain cement concrete of nominal mix M 10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	16.36	4105.80	Rupees Four Thousand One Hundred Five and Eighty Paise Only

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6	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ t gs. with with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.	Cum	299.63	5213.93	Rupees Five Thousand Two Hundred Thirteen and Ninety Two Paise Only
7	providing T M T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.	Q	179.78	7211.75	Rupees Seven Thousand Two Hundred Eleven and Seventy Five Paise Only
8	Providing and removing centering, shuttering, strutting propping etc. and removal of form work for vertical surface such as walls at any thickness, including attached pilasters buttresses, plinth and string courses cost of all materials, labour complete as per specification.	Sqm	450.00	544.84	Rupees Five Hundred Forty Four and Eighty Four Paise Only
9	Providing & laying reinforced cement concrete pipe NP2 for culverts including pointing ends, & fixing collars with CM 1:2 including cost of all materials, labour curing complete as per specifications	m	30.00	5945.40	Rupees Five Thousand Nine Hundred Forty Five and Forty Paise Only
10	KSRRB 300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications.	Cum	2236.0	146.88	Rupees One Hundred Forty Six and Eighty Eight Paise Only
11	KSRRB M400-6.1. Construction of granular sub-base by providing close graded Material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per Specifications.	Cum	144.30	983.88	Rupees Nine Hundred Eighty Three and Eighty Eight Paise Only
12	KSRRB M400-17. Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam Specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per Specifications	Cum	192.40	1060.56	Rupees One Thousand Sixty and Fifty Six Paise Only

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13	KSRRB 500-4: Providing and applying primer coat from 7.5 to 9.8 kg and 9.8 to 12.2 kg per 10 sqm for surfaces of low and medium porosity respectively on prepared surface of granular base with cut back M.C-70 or any other bitumen mixed with diesel at 10kg per 10sqm heated in bitumen boiler fitted with spray set (Excluding cleaning of road surface) including cost of all materials, labour, HOM of Machineries Complete as per Specifications.	Sqm	962.00	66.95	Rupees Sixty Six and Ninety Four Paise Only
14	KSRRB M500-10: Tack coat:- Providing and laying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/Granular surface cleaned with mechanical broom. Complete as per specifications.	Sqm	962.00	11.08	Rupees Eleven and Eight Paise Only
15	KSRRB M500-11: Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base/binding course including loading of aggregates with F.E loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density. 50/75 mm compacted thickness with 80/100 Grade bitumen but excluding cost of primer/ tack coat with lead upto 1km including cost of all materials, labour, HOM of machineries complete as per specifications.	Cum	48.10	6162.11	Rupees Six Thousand One Hundred Sixty Two and Eleven Paise Only
16	KSRRB M500-18: Providing and laying semi dense bituminous concrete 25-30mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No. 500.8 complete in all respects as per specifications	Cum	24.05	8882.32	Rupees Eight Thousand Eight Hundred Eighty Two and Thirty One Paise Only
17	KSRRE 400-1.3: Carriage of mixed materials 10 Kms.	Cum	264.55	53.19	Rupees Fifty Three and Nineteen Paise Only
18	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading	Cum	711.00	94.82	Rupees Ninety Four and Eighty Two Paise Only

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Executive Engineer,
Dasarahalli Division,
B.B.M.P. Bangalore